

**THE EMBODIMENTS OF THE INVENTION IN WHICH AN EXCLUSIVE
PROPERTY OR PRIVILEGE IS CLAIMED ARE DEFINED AS FOLLOWS:**

1. A plastic panel assembly formed by at least first
5 and second plastic boards secured at an interlocked joint
of said first and second boards, each of said boards
having a construction comprising a main body portion with
a top surface, a bottom surface, a first edge region and
a second edge region, said first edge region having a top
10 surface which is a continuation of the top surface of the
main body portion and also having a first locking part,
said second edge region having a bottom surface which is
a continuation of the bottom surface of the main body
portion and also having a second locking part, said
15 interlocked joint being formed by engagement of said
first locking part of said first edge region of the first
board with said second locking part of said second edge
region of said second board, said assembly including both
a moisture drainage channel and a mechanical fastener
20 receiving surface which are separated from one another at
said interlocked joint.

2. A plastic panel assembly as claimed in Claim 1
wherein said moisture drainage channel is formed in said
25 second edge region of said second board and includes a
channel mouth, said first locking part of said first edge
region having a locking member which locks into said
channel mouth.

30 3. A plastic panel assembly as claimed in Claim 2
wherein said fastener receiving surface is formed with
said second edge region of said second board, said
moisture drainage channel and said fastener receiving
surface being located to opposite sides of said
35 interlocked joint separated from one another by said
first locking part of said first edge region and said

second locking part of said second edge region of said first and second boards respectively.

4. A plastic panel assembly as claimed in Claim 1
5 wherein said moisture drainage channel has a channel base wall which is formed by said bottom surface of said second edge region of said second board.

5. A plastic panel assembly as claimed in Claim 4
10 wherein said second locking part of said second edge region comprises an upward projection from said bottom surface of said second edge region, said fastener receiving surface also being formed by said bottom surface of said second edge region, said channel base and
15 said fastener receiving surface being separated from one another by said upward projection.

6. A plastic panel assembly as claimed in Claim 5
20 wherein said first locking part of said first edge region includes a recessed region which faces downwardly at and receives said upward projection of said second edge region.

7. A plastic panel assembly as claimed in Claim 6
25 wherein said upward projection of said second locking part comprises a pair of upwardly directed barbs with a gap between said barbs, said first locking part comprises a pair of downwardly directed barbs including a first barb located in said gap between and locking with said
30 upwardly directed barbs of said second locking part and a second barb to one side of said gap locking into said moisture drainage channel said second barb of said first locking part locking into said moisture drainage channel.

35 8. A plastic panel assembly as claimed in Claim 7 wherein said first edge region has an outside face

provided with a laterally extending tooth and said second edge region has an outside face with an notch in which said tooth is received above said moisture drainage channel of said interlocked joint.

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9. A plastic panel assembly as claimed in Claim 8 wherein said tooth has a flat top surface parallel to said upper surface of said first edge region, and a lower side surface which is inclined downwardly away from said outside face of said second edge region.

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10. A plastic panel assembly as claimed in Claim 6 wherein said recessed region has a concave shape and wherein said upward projection has a convex shape, said moisture drainage channel including a channel mouth above said upward projection, said first edge region including a laterally extending head portion which penetrates through said channel mouth and which rocks upwardly into a moisture blocking position within said moisture drainage channel as said recessed region of said first locking part of first edge region is interlocked with said upward projection of said second locking part of said second edge region.

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11. A plastic panel assembly as claimed in Claim 10 wherein said channel has a channel roof and said laterally extending head locks with said channel roof.

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12. A plastic panel assembly as claimed in Claim 11 wherein said channel roof includes a notch and wherein said laterally extending head has a tooth which rocks upwardly into said notch.

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13. A plastic panel assembly as claimed in Claim 3 wherein said fastener receiver surface comprises a projecting fin having openings therethrough at regular

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spaced intervals along said fin.

14. A plastic panel assembly as claimed in Claim 13
wherein said opening in said fin have an elongated oval
5 shape.